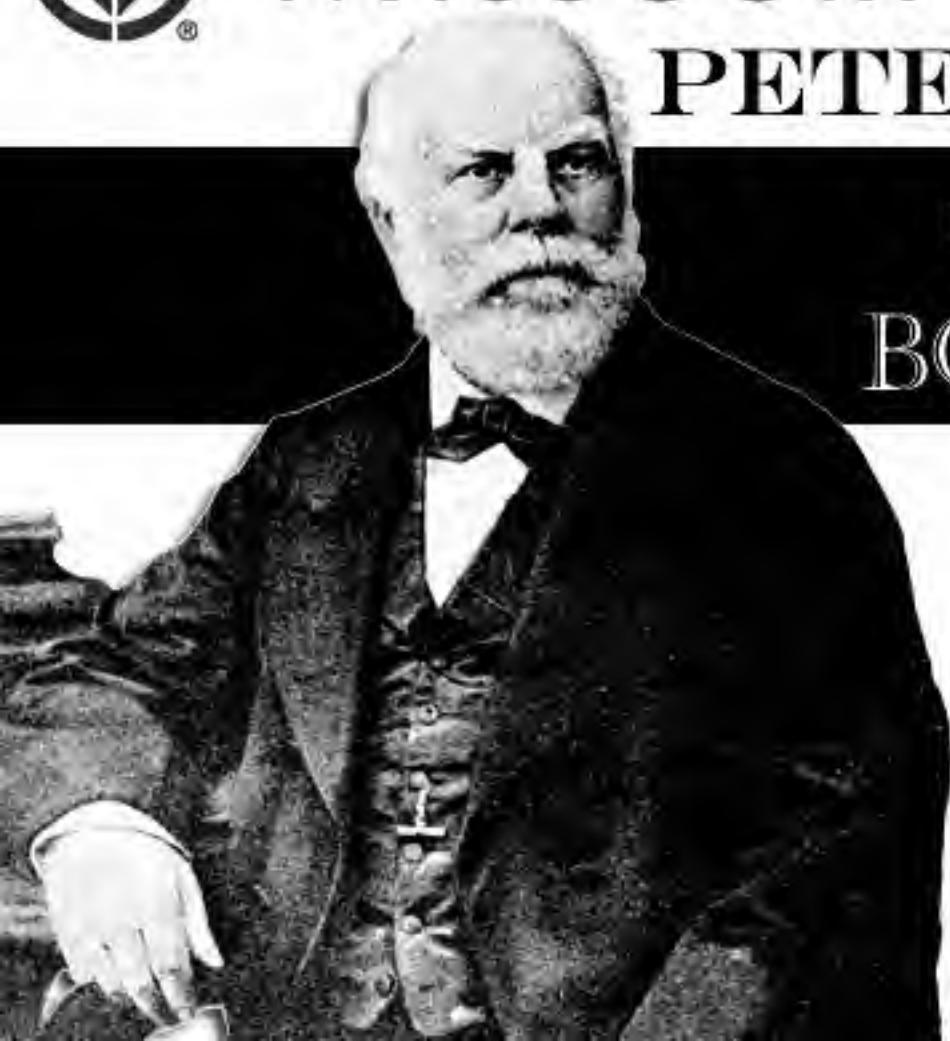




MISSOURI BO PETER H.

GEOR
BOTAN



*Since
page
online
nu*

Euph. divisa
Mox. 111, Aschaffenburg
- herb. sig. Bonpl.



Ms. 53

view from behind.

style simple, ovules anum?

anthers puberulent; puberulent on
petioles

flwr. cleistogamous, ovules, glabrous
oblongi subrotundata!

top & invol. puberulent

bracts ciliatae spathulate

This is L.

Schemer



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

7161

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

31-a

Euphrasia

31 Siberian *Euphrasia*



Same number
- other herb is
Erophila verna

anterior glands very small,
inappreciable - posterior
single etc

style white at base
colored at apex

leaves oblong, smooth both
sides - serrulate



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

7162

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



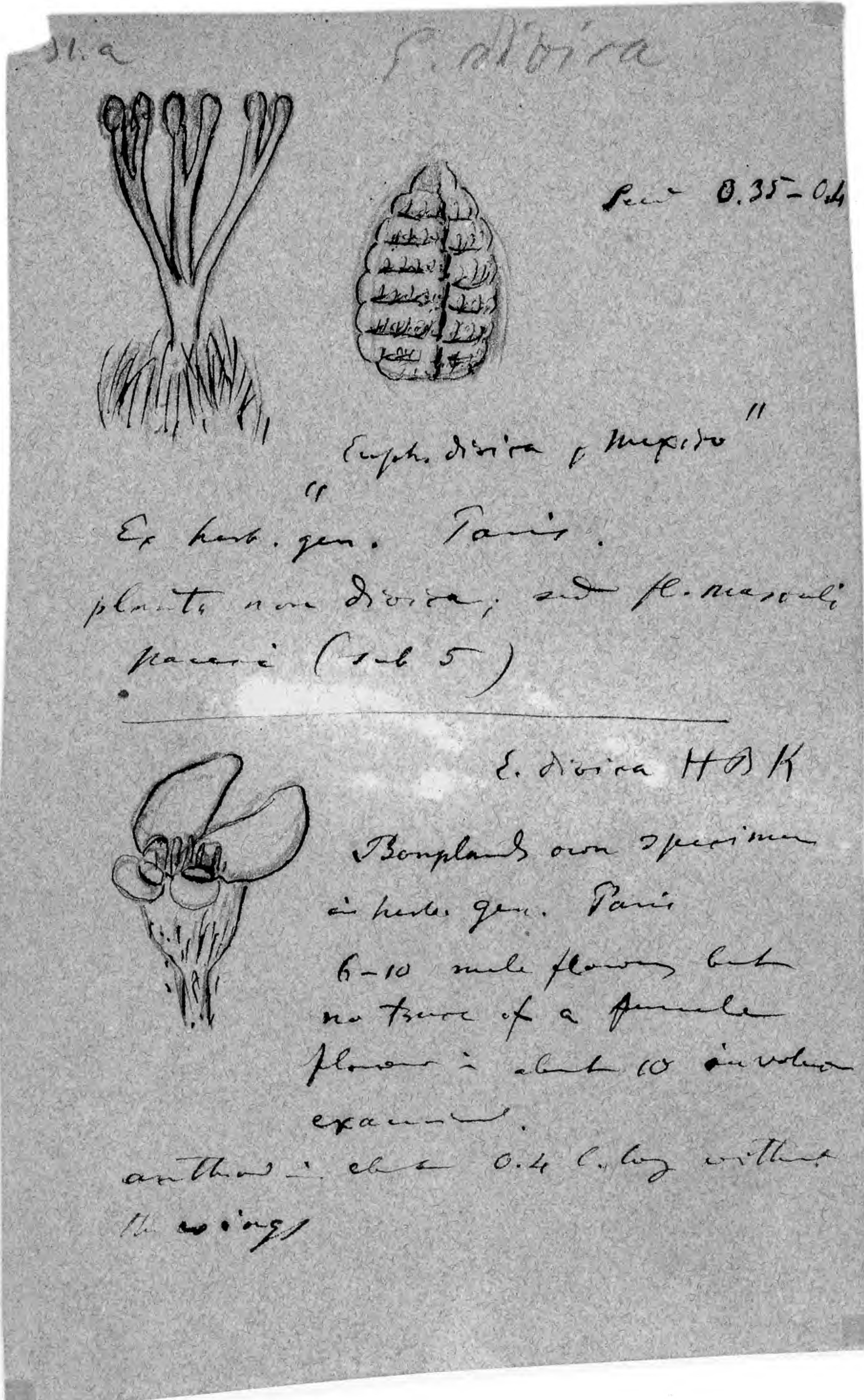
0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

7163

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

31



Ceph. division

~~the~~ measured.

N. 9290 Her. Herd.

sub. n.

"Emuldition"

as well the original
Haemulon species

Haemulon pubescens
ovatum *seminatum*
antennatum



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

7164

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

36a



Bridgett. in herb
Key word

Torr

Brachytrichous
ovate canaliculate pubescent
folia e basi ^{margin} valde oblique
undulata late ovata,
obtusis excurrentis
stipulis subobtusis basi
fimbriatis
Pectinatis ^{hirsutis} canaliculatis
Gibbosus late ^{sub} marginatis
margin posteriori
nullo marginatis
undulatis
stylos basi excurrentis $\frac{1}{3}$
ovis $\frac{1}{2}$ longioris stylos foliatis




0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

36. a.

Gregg 862

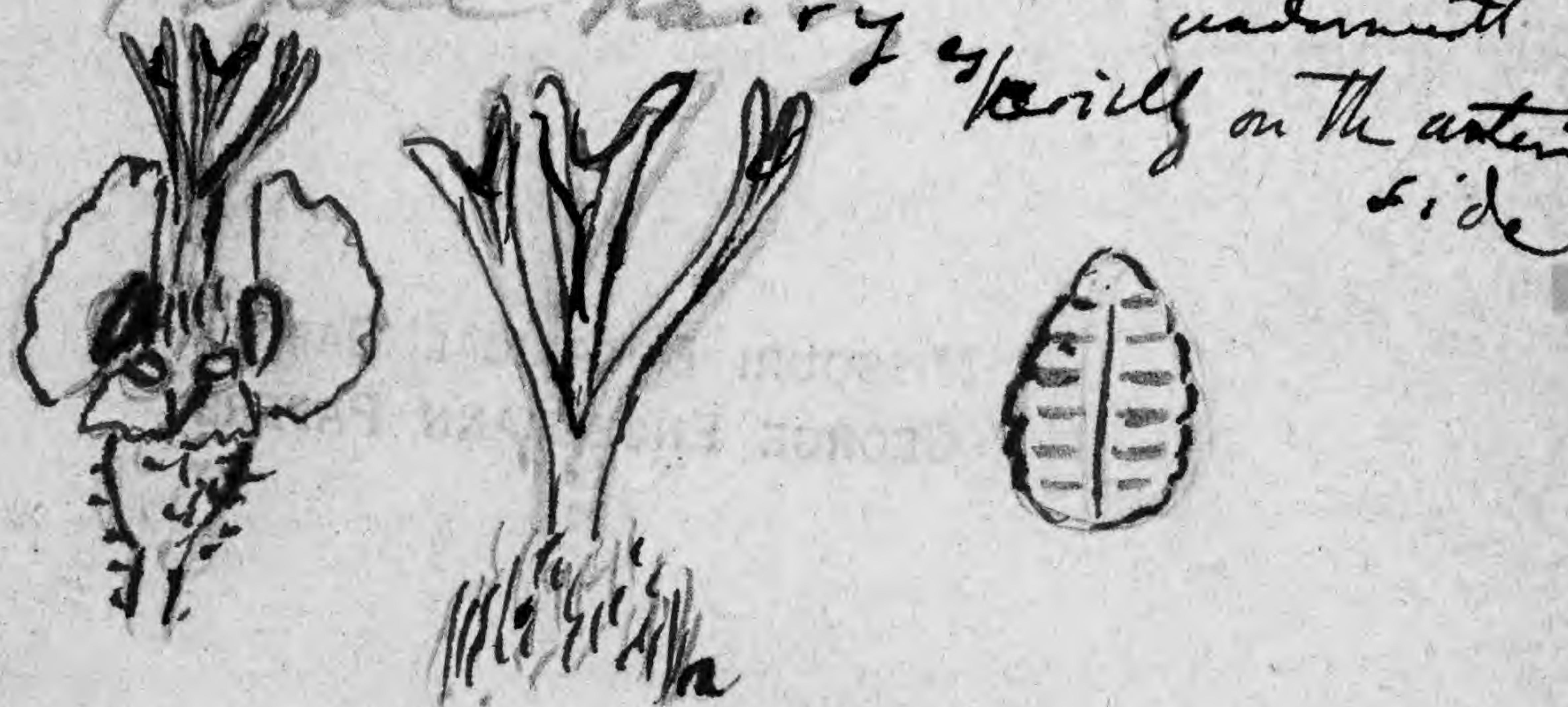
*E. dipteron gamostylis*Sect 0.45×0.3 = aneps ⁸⁶²
Dentovate sharp angled
with strong cross groove

about 6

glands smooth

appendages hairy

underneath

sparcely on the anterior
side

perianth double

foliis - lvs: oblong

conditata ovatis 1. oblongis

seminalis obtusis utrinque

asperis

styli appendicibus -

styli with short divisions




0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved

MISSOURI
BOTANICAL
GARDEN



0 1 2 3 4 5 6 7 8 9 10

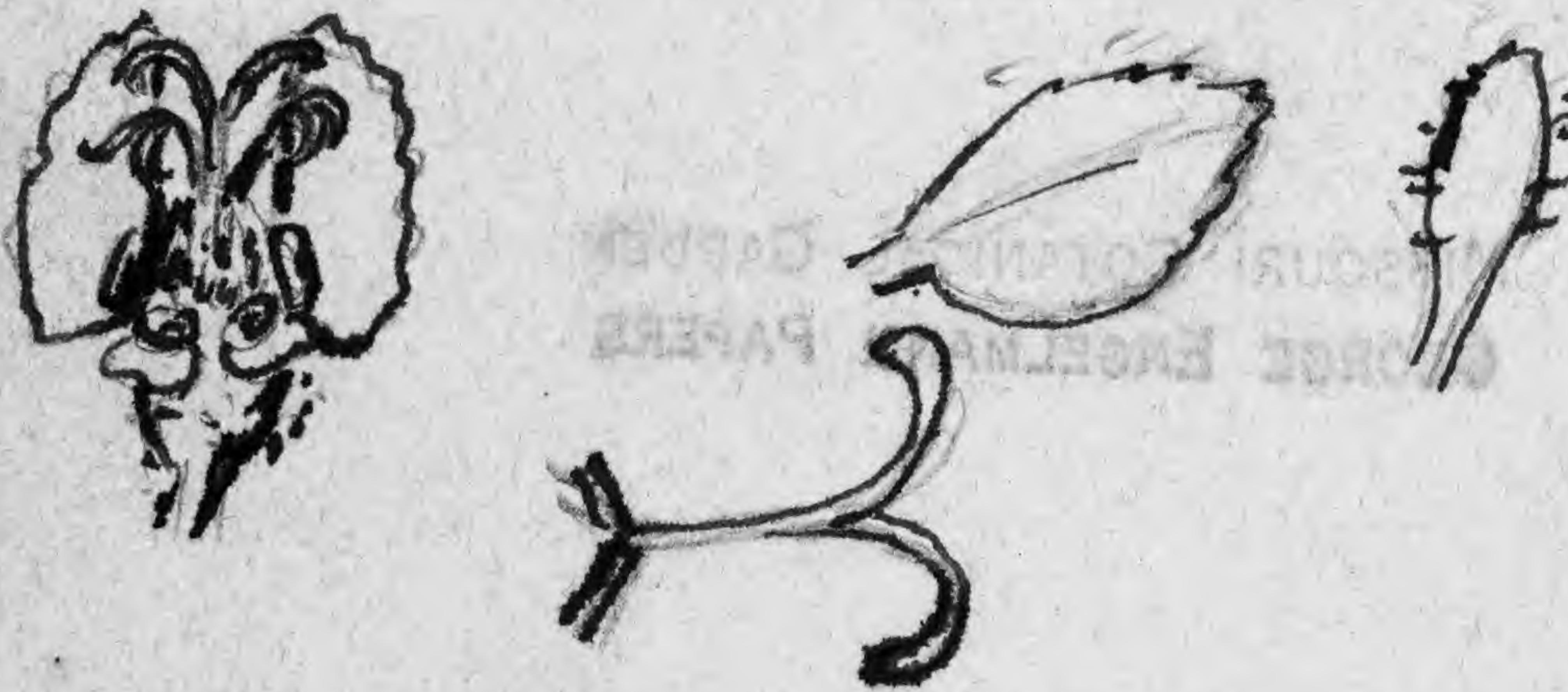
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

31, β 8/12 ~~Aug 8/12~~ E. tip ~~on~~ ~~fl~~ 1519
Leaves acute angled, ~~ross~~
furred, furrows abut
6; angles entire ^{or very slightly} with
 $0.4-0.5 \times 0.5$
 $0.45-0.55$
Capsule hairy Obtuse angled



Densely毛 (hairy) - pin a thick
(as pencil) root leaves
1-1 1/2" upper ones spathulate
second = Wrights pink
but stigma !! elongate
deeply bifid.

262




0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

318



E. dipteron
var.

Constance Holz, (part)
Minion Park
2000 ft. with Wheeler,
only 0.3 —
stiles with 2 heads!
Appendages much fringed



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

7168

816

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

Engelmann 32940
above surface 1000
m. 1933
May 1933
1933




0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

31.8

E. Drimiphytace

0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
 BOTANICAL
 GARDEN

7169

8.18



0 1 2 3 4 5 6 7 8 9 10

cm

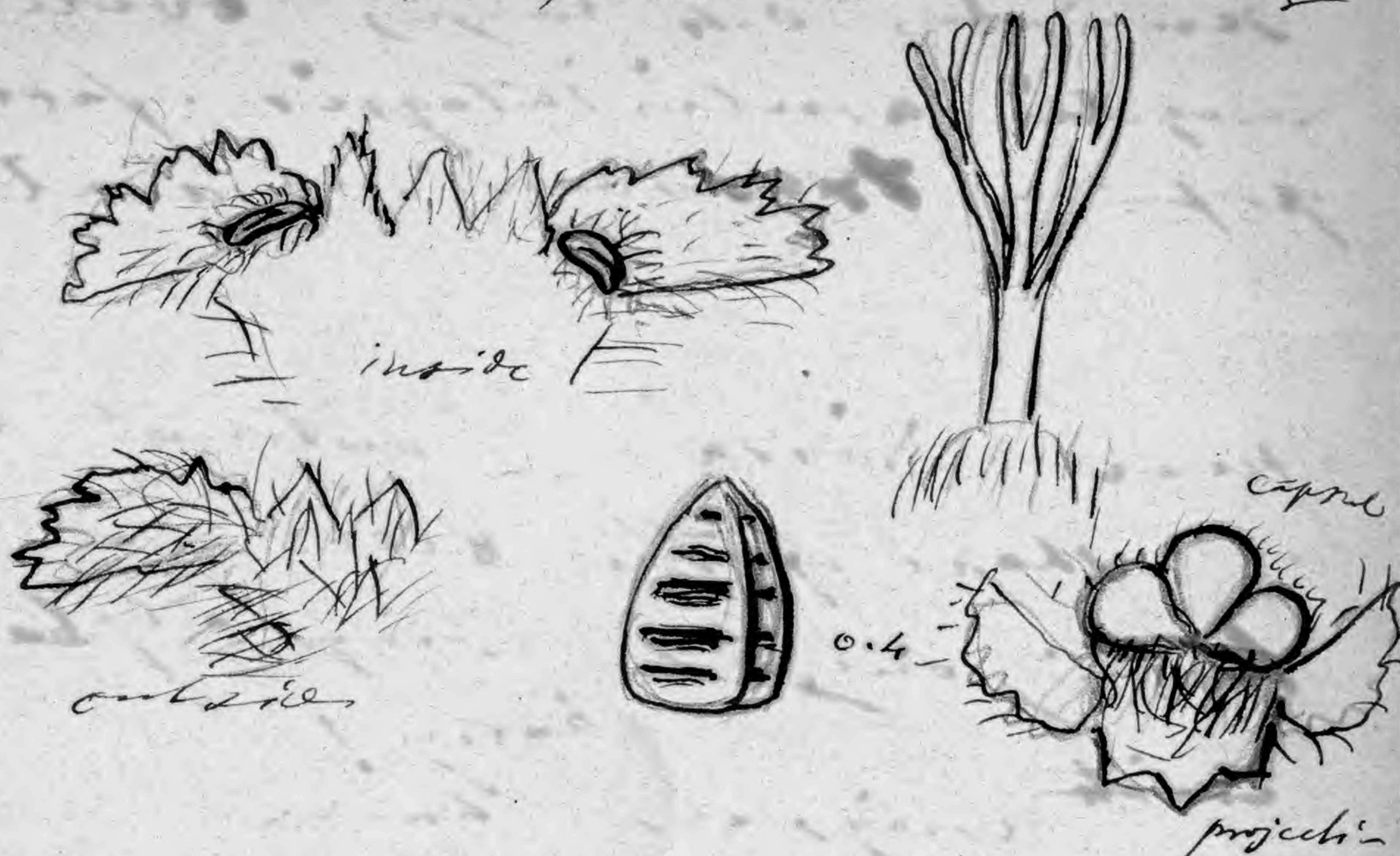
copyright reserved



MISSOURI
BOTANICAL
GARDEN

316.

Euph. densiflora Klug
A. divaricatum Klug. p. 28 " in 6. 389 "
 Mexico, Schlecht & Champlin



Drawn after the Collection.

annua, ~~erecto-patula~~, ~~ovulata~~,
bifaria *pilosus*, ~~oblonga~~, ~~ovata~~, ~~angustata~~, ~~serpentinis~~, ~~pilosus~~,
st. nudis;
 anthodes in glomeris spiciformes,
 laterales, bracteis ciliatis stipitatis
 angustissime confertis
 involucris donee profide froris,
 5 partitis, lobis antarum 3, triangulis
 2 posteris 4, 5 glandulis 2 bilobatis
 elongatis, levigatis, non cerasas,
 appressis, pilosis, alaeformis denticulis
 stylis $\frac{1}{3}$ bifidis, basi ornatis
 ovarii longioribus;
 capsule posteriori adpresso pubens, outside



0 1
cm

2 3 4 5 6 7 8 9 10

copyright reserved



MISSOURI
BOTANICAL
GARDEN

varius involucris capitate
flores, una!

semibas 0.4 long, ovatis
angulis aortis integris; prob
profund transversi ex aortis

7170

near divar - distinct by
the shape of the seeds & by
having only 2 wings glands
with wings also hairy!
flowers still more clustered.
seeds broader, edges entire
but perhaps only a variety!

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved

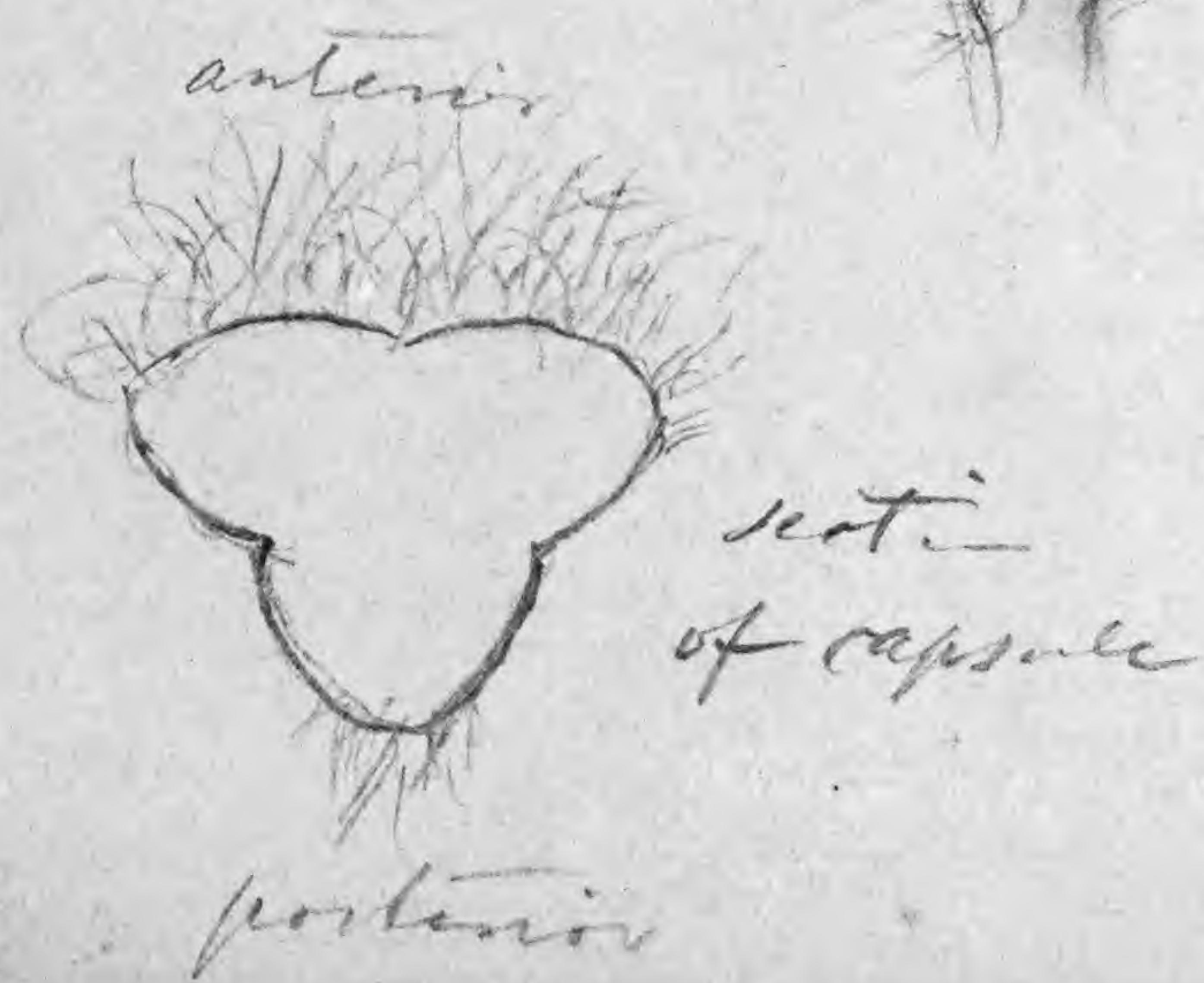


MISSOURI
BOTANICAL
GARDEN

W.251 Grindberg

Feb 1861

$\times 20$



0
cm

1 2 3 4 5 6 7 8 9 10

copyright reserved



MISSOURI
BOTANICAL
GARDEN

M. W. ALEXANDER,

SOUTH-EAST CORNER OF FOURTH AND MARKET STREETS,
ST. LOUIS.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

7171



0
cm

1 2 3 4 5 6 7 8 9 10

copyright reserved

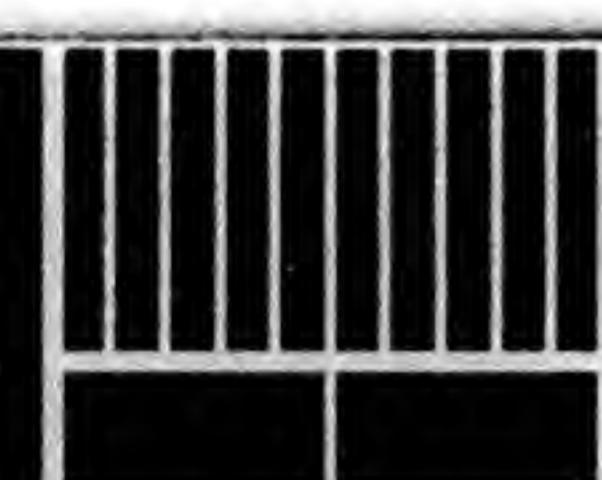



MISSOURI
BOTANICAL
GARDEN

N^o 251 Ewendberg leg. 1858. Mex. v.

Feb 86,

= *St. densiflorum* Kl v Grise p. 28. prov. Huasteca



0
cm

1

2

3

4

5

6

7

8

9

10

copyright reserved



MISSOURI
BOTANICAL
GARDEN

7172

M. W. ALEXANDER,
SOUTH-EAST CORNER OF FOURTH AND MARKET STREETS,
ST. LOUIS.

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0
cm

1 2 3 4 5 6 7 8 9 10

copyright reserved



MISSOURI
BOTANICAL
GARDEN

167

316

Euph. tettens is Kl. !

Peters Reisen

Mozambique



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

7173

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

31.6.

~~var integrifl~~ *E. fellowsii* Kl.

Peter Renz, Mozambique.



silvery a
fol. integrifl
appr. 1/2 in
seen through fine ltt.
aff. *moniliformis* and *flexuosa* by



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

7174

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

168

245

Cyath. rosea Rebz
sativa? Lam. Dist.

Lad. on.
Ceylon

600-4



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

7175

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

This image is a high-contrast, black-and-white scan of a surface. On the left side, there is a faint, stylized letter 'W' composed of a series of dark, wavy lines. To the right of this letter, there are several dark, irregular, and somewhat circular shapes of varying sizes, which could be interpreted as pores, cells, or other microscopic structures. The overall texture is grainy and lacks fine detail due to the high contrast.

29

11

Reexamined *Euphorbia scabrella*
Madras 1835. Far. on.
in the element. J. Campbell



diffusa ~~glabriuscula~~, rame scabullo
versus apud pubinulo,
foliis oblongis sed oblongo - lanceo-
bus ~~antisquulis~~, versus apud
pubinulo - sumatis super glabris
velutis scabrid - punctatis
stipulis ovato - triangulis
fimbriatis
glomeris laterilibus densis floris
anthodio scabellis yellis
nudis s. in anthodio paucis
(centrilibus, prima evolutis 3)
late velutis - appressedulatis
filamentis defloratis exsertis
steli elongatis ad unda 2 cm.
ramis decurrentes



0

2

3

6

7

0

cm

copyright reserved



MISSOURI BOTANICAL GARDEN

7212
pappulæ angulæ acutæ
pakenulæ
semicircles pappus, ovales
obtusæ angulæ laeviæ

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10
cm

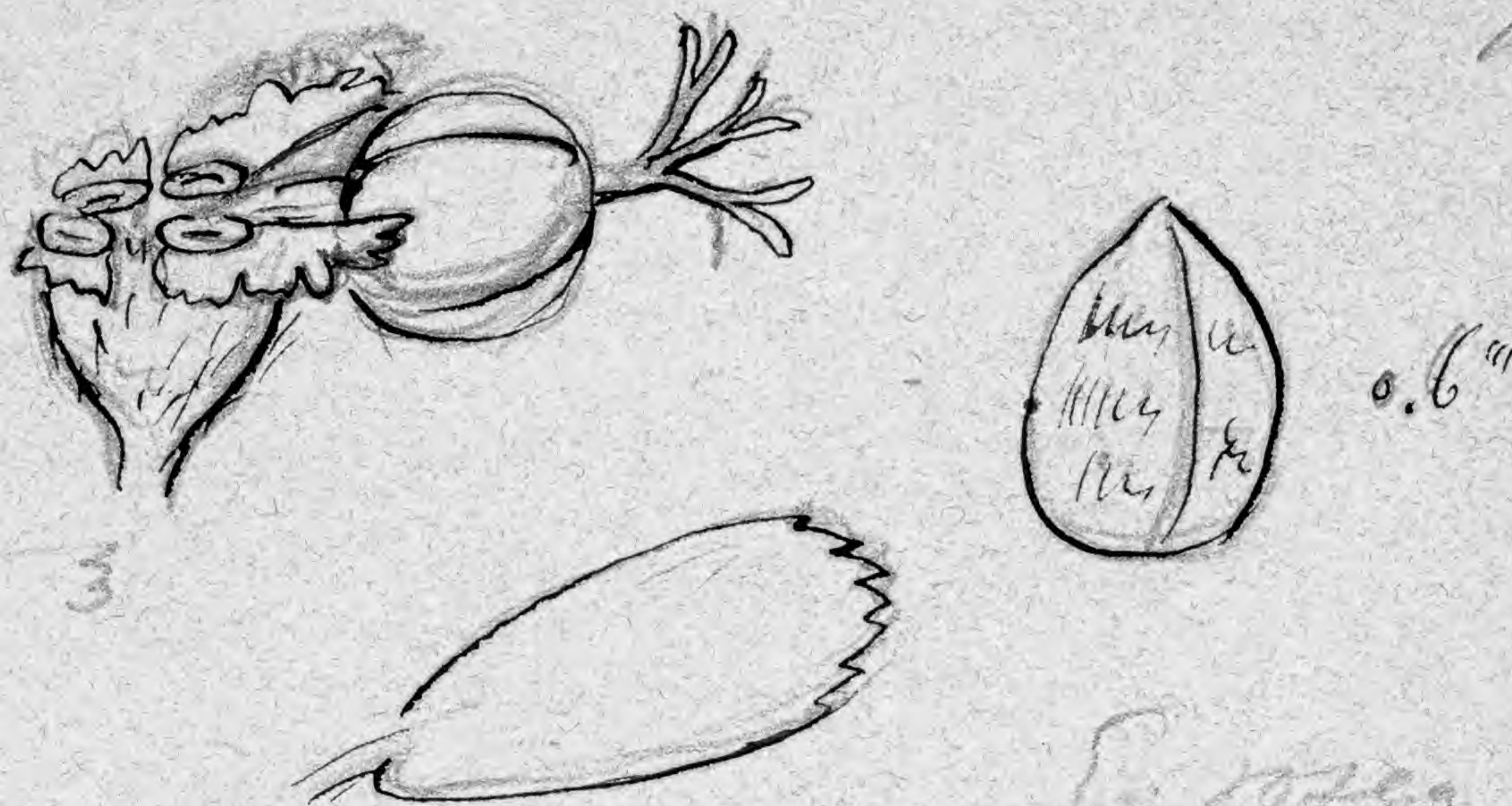
copyright reserved



MISSOURI
BOTANICAL
GARDEN

246

Josée Rey



annual plants glabrous and
some times pubescent
sub pubescent

whole difference is in the
petal wings!

not all the flowers have
the large wings! it seems
that the later ones have more
equally appressed glab

more faint violet like Chamaea
fl. glabrous & end of bracts
(Meissner)



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

7177

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10
cm

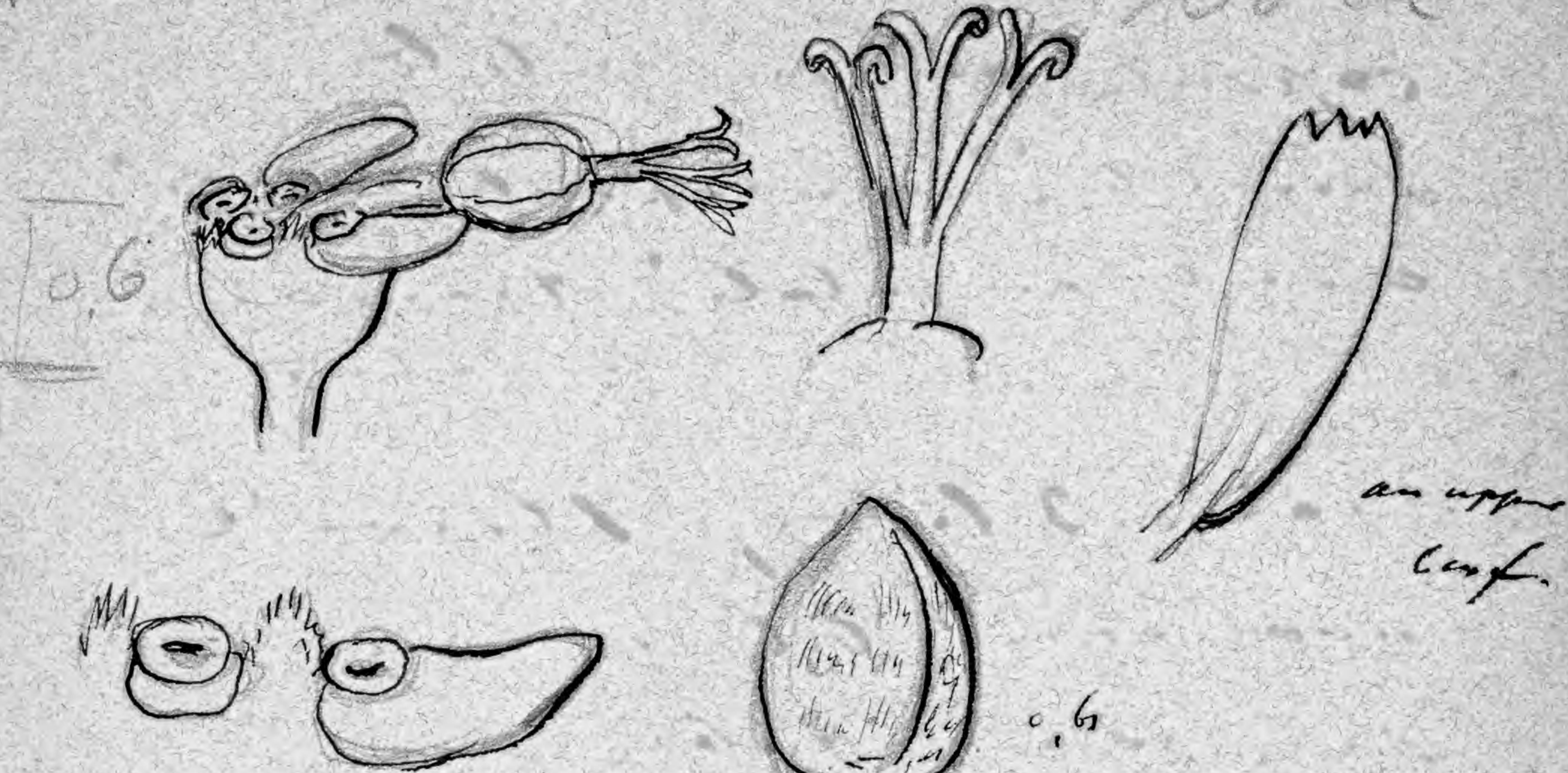
copyright reserved



MISSOURI
BOTANICAL
GARDEN

246

18. *Leucostoma* *luteum* (L.) Pers. *luteum* L.



1600-1601

John C. Clegg

Armenia ~~spatulata~~ ^{ob} glabra ~~spatulata~~

Leptis mesatheria opercularis

Q. cinctalis *trivittata*

Styphelia ovata Vitellaria? hier

involucrata - *involucrata* - *involucrata*
valentini - *valentini* - *valentini*
gherardii *antennariales* *angustifolia*
marginalis, *prosternon* by
late in a quality alto appalch.
lates (oppandise posterior products)
stems up to 2 ft. in a quality
water runs longingly



0
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

7178

capsula obtusa apiculata
 semina ^{late} ovata; subglobose
 exserta angustata; trichomes
 undulatis;
 leaves 2 l. long, 1 l. wide
 involucrum 0.6 l. long,
 style remarkable
 seed 0.6 l. long, very broad.

Compsone

MISSOURI BOTANICAL GARDEN
 GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

PENTSTEMON.

Species.

	à Stück M. Pf.		à Stück M. Pf.		à Stück M. Pf.
Cobaea	— 60	latifolius	— 60	Scouleri	— 75
crispus	— 60	ovatus	— 60	species nova (Californien) . .	1 50
digitalis	— 60	Palmeri	3 —	speciosus	1 50
» fl. albo	— 75	perfoliatus	— 60	spectabilis	1 50
glaber	— 75	procerus	— 60	Torreyi	— 75
glandulosus	— 75	pubescens	— 60	tristis	— 60
gracilis	— 60	pulchellus coccineus	— 60	verticillatus	— 60
				Wrighti	1 50

Garten-Hybriden und Varietäten.

Neuheiten.

No.	No.
106 Barthélemy St.-Hilaire (Lem.), kirschroth mit weissem Schlund, Blume sehr gross, aufrecht.	105 Hannibal (Dem.), dunkelpurpur mit weissem Schlund.
107 Brennus (Gerb.), violett, Schlund weiss mit purpur gestrichelt.	112 Junius Brutus (Lem.), dunkelviolett, Schlund weiss, violett geadert.
103 Burke (Lem.), brillantröth, Schlund weiss gestrichelt, sehr gross.	113 La Suisse (Lem.), violett, Schlund weiss, Blume aufrecht, Wuchs zwergartig.
109 Colonel Lewal (Lem.), amaranthviolett, Schlund weiss mit purpur Adern.	114 Manzoni (Lem.), rosalachsartig und weiss, purpur getigert.
110 Drapeau national (Lem.), hellviolett mit weissem Schlund.	115 Mirabeau (Lem.), hellroth mit weissem Schlund, sehr gross.
111 Garnier-Pagès (Lem.), lebhaft zinnoberroth, Schlund weiss gestrichelt.	116 M. Lemarquis (Bert.), carminrosa, Schlund purpur marmorirt.
	117 Ratazzi (Lem.), kirschrosa, Schlund orange gefleckt.

Vorstehende Sorten einzeln à 1,50 M.
12 " unserer Wahl 12,00 "

Von Anfang Mai ab in jungen Exemplaren zum halben Preis.

No.	No.	No.
1 Anaïs.	17 gloxiniaeflorus.	9 Linné.
10 Chr. Klein.	3 Hazaël.	29 magnificus.
11 coccineus magnificus.	20 intermedium.	32 Marquise d'Hanville.
12 Comte de Lambertye.	21 Jeanne d'Arc.	35 Mons. de Parpart.
13 Cyrus, purpurviolett.	4 Lafontaine.	34 " Memminger.
2 Forester.	7 Le Pyrée.	26 Zampa.

Einzelne Sorten nach Wahl des Bestellers 60 Pf.
12 " " unserer Wahl 4,50 M.
Abgebar von Anfang Mai ab.

PHLOX.

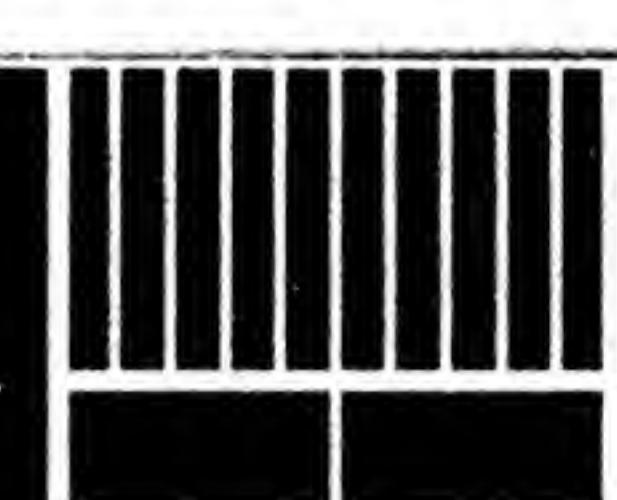
Phlox decussata et omniflora.

Neuheiten.

No.	M. Pf.
150 Boule de feu, durch sein leuchtendes Colorit und die Grösse der Blumen wohl der hervorragendste Phlox	à Stück 3 — Stecklingspflanzen vom Mai ab à " 1 20

No.	No.
133 Amalthea (Dem.), weiss mit rosacarmine Auge.	141 Marie de Montesquieu (B.), weiss mit rosa gestreift und gefleckt.
134 Berenice (—), weiss mit rosa schattirt, grosses lebhaftes carmin Auge.	142 M. Christophe (L.), purpurviolett.
135 Croix d'honneur (Chr.), malvenrosa mit weiss gestreift und gerändert.	143 Phocion (M.), lillarosa mit carmin Auge.
136 Gedeon (Bert.), lachsrosa mit lebhaft kirschrothem Auge.	144 Ponsard (L.), dunkelrosa mit carmin Auge.
137 Indépendance (L.), zwergartig, reinweiss.	145 Robinson (B.), rosa mit carmin Schattirung, zwergartig.
138 La Perle (B.), halbhoch, reinweiss.	146 Rubens (D.), lebhaftrosa, carmin Auge.
139 Lord Byron (L.), niedrig, reinweiss.	147 Talisman (B.), rosalilla.
140 Meteor (D.), purpurcarmin mit feurigem Auge.	148 Theseus (M.), lebhaft rosa mit violettem Auge.
	149 Victor Hugo (L.), feurig lachsroth mit purpur Centrum.

Vorstehende Sorten einzeln à 1,50 M.
12 " unserer Wahl 12 "



0 1 2 3 4 5 6 7 8 9 10
cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN

Auswahl der besten älteren Sorten.

No.	
1	Admiration.
2	Anaïs Aubert.
3	Antoine Müller.
6	Beethoven.
7	Béranger.
8	Boule de neige.
10	Comtesse de Bresson.
120	» de Fernandona. (Lierv.).
11	Corinne.
12	Dr. George Lawson.
13	Dr. Lacroix.
14	Duguesclin.
15	Ed. Buesing.
99	Egérie.
16	Flore.
115	Fortunio (Lem.).
18	Franklin.
19	Frau Lüttig.
20	Garibaldi.
22	Hebe.

No.	
24	Hofgärtner Fintelmann.
25	» Vetter.
26	La candeur (Lierv.).
60	l'Eblouissant.
28	Louis Lierval.
30	Mad. Aubin.
33	» de Lacroix.
36	» de Wendel.
119	Guilloteaux (Lierv.).
118	Marie Saison (Lierv.).
122	Moisset (Lierv.).
35	Pigny.
123	Verlot (Lierv.).
37	Marie Lacroix.
38	» Lepaigne.
106	Météor.
124	Mons. Conrad (Lierv.).
107	Damaizin (Denis).
125	de la Vansaye (Lierv.).
126	Duchartre (Lierv.).
39	F. Ferrand.

No.	
40	Mons. Forget.
128	» Guldenschuh (Lierv.).
41	» Kamm.
42	» Leboucher.
130	» Rafarin (Lierv.).
43	Nec plus ultra (Lierv.).
44	Parkinspector Petzold.
46	Princesse Alice.
48	Prince Troubetzkoy.
49	Prof. Dr. Koch.
50	Raphael.
112	Rêve d'or.
51	Roi de Bohème.
52	» Léopold.
53	Rose Rendatier.
54	Soeur Géromine.
55	Souvenir de Fries-Morel.
131	» de M. Poidevin (Lierv.).
57	Triomphe de Twickel.
114	Vièrge Marie.

Jede der vorstehenden Sorten einzeln à Stück 60 Pf.

12 Sorten nach Wahl des Bestellers 6 M.

12 » » unserer Wahl . . . 5 »

PETUNIEN.

Abgebar von Anfang Mai ab.

M. Pf.

12	beste einfache Sorten	unserer Wahl	7	50
12	» gefüllte	»	»	» 7 50

VERBENEN.

Abgebar von Anfang Mai ab.

M.

12	vorzügliche Sorten	unserer Wahl	6
12	italienische gestreifte Sorten	6	6
50	schöne Sorten von allen Klassen	20	
12	reinweisse	4	
12	scharlachrothe	4	
12	rosenrothe	4	
12	blaue	4	
100	Stück in den 4 Hauptfarben	25	

Georginen. — Dahlias.

Neuheit.

No.

770 **alba camelliaeflora** (Sieckmann), die schönste bis jetzt erzielte weisse Georgine!

Von mittelhohem Wuchs, höher als alba floribunda nana oder Perle (Mardner), aber ebenso reichblumig wie diese, die Blüthen gut aus dem Laub herausgehend und schön getragen, vereinigt diese Sorte in sich alle Vorzüge, welche die besten bekannten Georginen besitzen. Der Bau der Blume selbst aber ist bis jetzt einzig und kann etwa mit dem einiger Camelliensorten, z. B. der bekannten Prinzessin von Preussen verglichen werden, vollständig imbriquit und die Blumenblätter spiralförmig vom Centrum auslaufende Reihen bildend, die ganze Blume von schönster vollendetster Regelmässigkeit Stecklingspflanzen à 1,50, Knöllchen à Stück 3 M.

Auswahl der vorzüglichsten Sorten.

h hohe, m mittelhöhe, n niedrige.

(Alle bunten arten zuweilen aus und werden einfarbig, was in Boden- und Witterungsverhältnissen seinen Grund hat.)

No. Höhe.

6 m. Aglaë Dresch (Courcelle), lilla mit weiss, schöner Bau.

13 n. Alba floribunda nana (Dodd), zwergartig, reichblühend, grosse weisse schön ge- baute Blume, extra. 1,00.

No. Höhe.

19 h. Ali-Baba (Dalin), dunkelscharlach.

737 m. Aristides (Rawlings), dunkelcarmoisin mit purpur schattirt.

703 m. Annie Neville (Keynes), weissfleischfarbig, mittelgross, rundlich gewölbt, aufrecht.



0

1

2

3

4

5

6

7

8

9

10

cm

copyright reserved

MISSOURI
BOTANICAL
GARDEN

46

Obs. entire ovate hexagon

177

acute lobed

stiglosome leaves entire

multiple strob.

foliolose lim leaves



seed ovate acute
flask 1.4 long, very
vermiform



0 1 2 3 4 5 6 7 8 9 10

cm

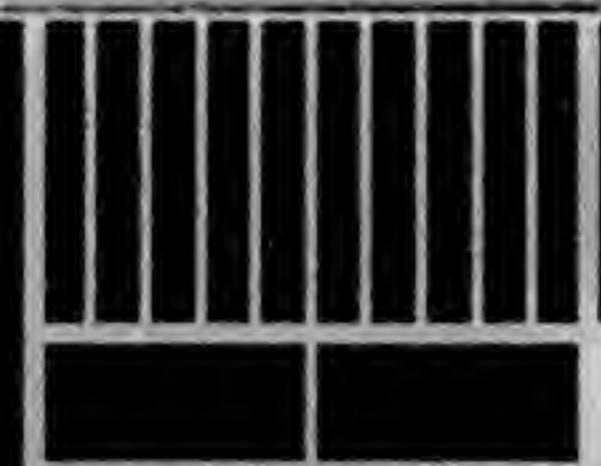
copyright reserved



MISSOURI
BOTANICAL
GARDEN

7180

MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS



0 1 2 3 4 5 6 7 8 9 10

cm

copyright reserved



MISSOURI
BOTANICAL
GARDEN